

Found by name

Found by alias

Gene List

☒ EGFR:

found

☒ ERBB4:

found

☒ ERBB3:

found

☒ her2:

found as ERBB2

☒ her:

not found

+

Mutated samples

Somatic

Germline

Mutations

Genes: 1-4 / 4

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genes per page 10 Clear all

Gene	GeneID	# of Substitutions	# of Deletions	# of Insertions	# of unknown mutations	# of HapMap SNPs	# of CGH Variants	# of SKY/FISH Variants
EGFR	1956	577	130	74	16	496	15	27
ERBB2	2064	83	2	18	7	33	17	23
ERBB3	2065	13	0	0	2	25	30	33
ERBB4	2066	44	0	8	0	2146	73	119

Samples

Samples: 1-10 / 52

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Samples per page 10 Clear all

Primary Tissue	Primary Histology	Cell-line	# of Mutations	# of in EGFR mutated Samples	# of in her2 mutated Samples	# of in erbb3 mutated Samples	# of in erbb4 mutated Samples	# of in her mutated Samples	# of mutated Samples
ns	carcinoma	no	2	2	0	0	0	0	2
lung	adenocarcinoma	no	177	1385	0	0	0	0	1410
bone	osteosarcoma	no	3	2	0	0	0	0	2
lung	other	no	10	53	0	0	0	0	53
lung	carcinoma	no	389	3836	0	0	0	0	3874
skin	carcinoma	no	2	2	0	0	0	0	2
colon	cancer	no	3	3	0	0	0	0	3
ovary	low_malignant_potential_(borderline)_tumour	no	3	0	0	0	0	0	4
kidney	carcinoma	no	2	2	0	0	0	0	2
stomach	carcinoma	no	18	3	0	0	0	0	14

Sample List

- ☒ MIA-PaCa-2:
- found
- ☒ HT-29:
- found
- ☒ PaCa-3:
- found
- ☒ PaCa-44:
- found
- ☒ MIA-PaCa:
- found
- ☒ Mia PACA 2:
- found
- ☒ Paca-3:
- found
- ☒ MIA-PaCa-2 (Case Ito:2):
- found
-
- +

Refine search

Somatic

Germline

Mutations

Protein

CDS

p.0 p.?del p.?fs p.E853* p.G12C p.G12V p.L2458V p.M1_*157del p.P449T p.Q311* p.Q61L p.R248V p.R273H p.T1556fs*3 p.V600E

Mutated Genes

Mutations: 1-17 / 17

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mutations per page 100 Clear all

Gene	Sample	CDS mutation	AA mutation	AA mutation type
APC	HT-29	c.2557G>T	p.E853*	Substitution - Nonsense
APC	HT-29	c.4666_4667insA	p.T1556fs*3	Insertion - Frameshift
BRAF	HT-29	c.1799T>A	p.V600E	Substitution - Missense
BRAF	HT-29	c.?	p.V600E	Substitution - Missense
CDKN2A	MIA-PaCa	c.?del?	p.?fs	Deletion - Frameshift
CDKN2A	MIA-PaCa-2 c.1_471del471		p.M1_*157del	Deletion - In frame
CDKN2A	MIA-PaCa-2 c.?_?del?		p.?del	Deletion - In frame
CDKN2A	MIA-PaCa-2 c.?del?		p.?fs	Deletion - Frameshift
KRAS	HT-29	c.182A>T	p.Q61L	Substitution - Missense
KRAS	PaCa-44	c.35G>T	p.G12V	Substitution - Missense
KRAS	MIA-PaCa-2 c.34G>T		p.G12C	Substitution - Missense
NOTCH1	MIA-PaCa-2 c.?		p.L2458V	Substitution - Missense
PIK3CA	HT-29	c.1345C>A	p.P449T	Substitution - Missense
SMAD4	HT-29	c.931C>T	p.Q311*	Substitution - Nonsense
TP53	MIA-PaCa-2 c.742C>T		p.R248V	Substitution - Missense
TP53	HT-29	c.818G>A	p.R273H	Substitution - Missense
UTX	MIA-PaCa-2 c.1_4206del4206		p.0	No detectable mRNA/protein

Mutated genes

"Non-mutated" Genes

MIA-PaCa-2 (Case Ito:2)	Mia PACA 2	MIA-PaCa	PaCa-44	Paca-3	ht-29	MIA-PaCa-2	HT-29	PaCa-3															
AKT1 MAP2K4	ALK MLH1	APC MSH2	BRAF MSH6	BRCA1 MYC	BRCA2 NF1	CDH1 NF2	CTNNB1 NPM1	CYLD NRAS	EGFR NTRK3	ERBB2 PALB2	FAM123B PDGFRA	FBXW7 PIK3CA	NM_018315.2 PIK3R1	FGFR3 PTCH1	PTEN	FLCN RB1	FLT3 RET	GNAS RUNX1	HRAS SETD2	IDH1 SMAD4	JAK2 SMARCA4	JARID1C SMO	KIT

Experimentally validated non-mutated genes for each cell line